THE CANADIAN VETERINARY JOURNAL

VOLUME XII

JANUARY TO DECEMBER, 1971

AUTHOR INDEX

ALEXANDER, D. C., 200
ALLEN, J. W., 24
AKPOKODJE, J. U., 110, 121, 125
ANDERSON, B., xvii, no. 5
ANKELI, G. O., 136

BARFOOT, L. W., 2
BARKER, C. A. V., 21, 76, 110, 121, 125, 211
BEAUREGARD, M., 168, 221
BENS, R. J., 186
BERNARD, M. A., 139, 154
BIGLAND, C. H., 103
BONNEAU, N., 100
BOSU, W. T. K., 21, 211
BRISBANE, W. P., 33
BRISTOL, F. M., 57, 76, 132
BROWN, G., 165

COFFMAN, J. R., 53
COTE, J. F., 2, 19
CUMMINGS, J. N., 76
CURTIS, R. A., 216

DALES, T. L., 72
DJURICKOVIC, S., 132
DOIG, P. A., 183
DUKES, T. W., 180

FINOCCHIO, E. J., 53
FISH, N. A., 11
FLETCH, S., 31
FRASER, C. M., 177
FRÉCHETTE, J. L., 204, 207
FUNNELL, H. S., 115

GELATT, K. N., 53, 91
GIBBS, H. C., 56, 207
GILCHRIST, E. W., 73
GROVES, B. I., 11
GUAY, P., 168
GUPTA, R. P., 56

HARRISON, R. J., 204
HEMSLEY, R. V., 147
HOFF, B., 56
HUIGENBOS, J. W., 102

JACQUES, E., 85
JERICHO, K. W. F., 161

KELLING, C. L., 172
KONO, M., 69
KOZOROWSKI, E. W., 230
KRISHNAMURTI, C. R., 73

LA FAUNCE, N. A., 119
LAMOTHE, P., 168
LAMOUREUX, M. A., 33
LAUTENSLAGER, J. P., 87
LEIPOLD, H. W., 53, 91
LERNER, D. J., 119
LOEW, F. M., 177
LONG, J. R., 16

MCCRAW, B. M., 87
MACDONALD, D. W., 33
MACDONALD, K., 73
MAGNUSSON, R. A., 150, 230
MAGWOOD, S. E., 161
MALKIN, K. L., 221
MARTIN, S. W., 129
MEBUS, C. A., 69
MILLS, J. H. L., 24
MITCHELL, D., 41
MITCHELL, L., 16
MITCHELL, W. R., 11
MULLEN, P. A., 177

O'BRIEN, T. R., 119
OSBALDISTON, G. W., 45

PASS, D., 129
PASS, M. A., 152, 224
PELLETIER, R., 168
PENNOCK, P. W., 129, 152
PLATONOW, N. S., 115
PURDY, J. G., 97

RADOSTITS, O. M., 150, 230
RAESIDE, J. I., 211
REED, J. H., 100
ROE, C. K., 57, 143
RUHNKE, H. LOUISE, 183

SASCHENBRECKER, P. W., 115
SCHIPPER, I. A., 172
SELTZER, E. G., 224
SINGH, U. M., 183
SMART, M. E., 31
SOLTYS, M. A., 191
STEVENSON, R. G., 97
STONE, J. B., 2
STOWE, E. C., 45
SUMNER-SMITH, G., 191

TAIT, R. M., 73
TILT, SUSAN E., 97
TITTIGER, F., 200
TREMBLAY, B., 29
TWIEHAUS, M. J., 69

UNDERDAHL, N. R., 69

VAN DEN BRINK, M., 33
VLAOVIC, M. S., 103

WHENHAM, G. R., 33
WILLOUGHBY, R. A., 165
WILSON, M. R., 143
WOBESER, G., 65
WRIGHT, P. A., 2

THE CANADIAN VETERINARY JOURNAL

VOLUME XII

JANUARY TO DECEMBER, 1971

AUTHOR INDEX

ALEXANDER, D. C., 200
ALLEN, J. W., 24
AKPOKODJE, J. U., 110, 121, 125
ANDERSON, B., xvii, no. 5
ANKELI, G. O., 136

BARFOOT, L. W., 2
BARKER, C. A. V., 21, 76, 110, 121, 125, 211
BEAUREGARD, M., 168, 221
BENS, R. J., 186
BERNARD, M. A., 139, 154
BIGLAND, C. H., 103
BONNEAU, N., 100
BOSU, W. T. K., 21, 211
BRISBANE, W. P., 33
BRISTOL, F. M., 57, 76, 132
BROWN, G., 165

COFFMAN, J. R., 53
COTE, J. F., 2, 19
CUMMINGS, J. N., 76
CURTIS, R. A., 216

DALES, T. L., 72
DJURICKOVIC, S., 132
DOIG, P. A., 183
DUKES, T. W., 180

FINOCCHIO, E. J., 53
FISH, N. A., 11
FLETCH, S., 31
FRASER, C. M., 177
FRÉCHETTE, J. L., 204, 207
FUNNELL, H. S., 115

GELATT, K. N., 53, 91
GIBBS, H. C., 56, 207
GILCHRIST, E. W., 73
GROVES, B. I., 11
GUAY, P., 168
GUPTA, R. P., 56

HARRISON, R. J., 204
HEMSLEY, R. V., 147
HOFF, B., 56
HUIGENBOS, J. W., 102

JACQUES, E., 85
JERICHO, K. W. F., 161

KELLING, C. L., 172
KONO, M., 69
KOZOROWSKI, E. W., 230
KRISHNAMURTI, C. R., 73

LA FAUNCE, N. A., 119
LAMOTHE, P., 168
LAMOUREUX, M. A., 33
LAUTENSLAGER, J. P., 87
LEIPOLD, H. W., 53, 91
LERNER, D. J., 119
LOEW, F. M., 177
LONG, J. R., 16

MCCRAW, B. M., 87
MACDONALD, D. W., 33
MACDONALD, K., 73
MAGNUSSON, R. A., 150, 230
MAGWOOD, S. E., 161
MALKIN, K. L., 221
MARTIN, S. W., 129
MEBUS, C. A., 69
MILLS, J. H. L., 24
MITCHELL, D., 41
MITCHELL, L., 16
MITCHELL, W. R., 11
MULLEN, P. A., 177

O'BRIEN, T. R., 119
OSBALDISTON, G. W., 45

PASS, D., 129
PASS, M. A., 152, 224
PELLETIER, R., 168
PENNOCK, P. W., 129, 152
PLATONOW, N. S., 115
PURDY, J. G., 97

RADOSTITS, O. M., 150, 230
RAESIDE, J. I., 211
REED, J. H., 100
ROE, C. K., 57, 143
RUHNKE, H. LOUISE, 183

SASCHENBRECKER, P. W., 115
SCHIPPER, I. A., 172
SELTZER, E. G., 224
SINGH, U. M., 183
SMART, M. E., 31
SOLTYS, M. A., 191
STEVENSON, R. G., 97
STONE, J. B., 2
STOWE, E. C., 45
SUMNER-SMITH, G., 191

TAIT, R. M., 73
TILT, SUSAN E., 97
TITTIGER, F., 200
TREMBLAY, B., 29
TWIEHAUS, M. J., 69

UNDERDAHL, N. R., 69

VAN DEN BRINK, M., 33
VLAOVIC, M. S., 103

WHENHAM, G. R., 33
WILLOUGHBY, R. A., 165
WILSON, M. R., 143
WOBESER, G., 65
WRIGHT, P. A., 2

THE CANADIAN VETERINARY JOURNAL

VOLUME XII

JANUARY TO DECEMBER, 1971

SUBJECT INDEX

ACV *voyez* CVMA

Book reviews
- Atlas of Canine and Feline Dermatoses. R. M. Schwartzman and F. Kral, 58
- Atlas of Topographical Anatomy of the Domestic Animals. P. Popesko, 206
- Bio-Medical Telemetry. Second Edition. R. S. Mackay, 101
- Bovine Mastitis. O. W. Schalm, E. J. Carroll and M. C. Jain, 190
- Bovine Tuberculosis Control in Man and Animal. J. A. Myers and J. H. Steele, 58
- Canine Cardiology. S. J. Ettinger and P. F. Suter, 237
- Die Mykoplasmose Beim Tier (Mycoplasmosis in Animals). C. Eichwald, F. Illner and H. Trolldenier, 234
- Diseases of Cage and Aviary Birds. Edited by Margaret L. Petrak, 15
- Diseases of Poultry. Second Edition. P. Seneviratna, 118
- Health and Disease in Farm Animals. First Edition. W. H. Parker, 118
- Herms's Medical Entomology. 6th Edition. M. T. James and R. F. Harwood, 114
- Hypothalamic Control of Lactation, Monographs on Endocrinology. Volume 3. F. G. Sulman, 219
- In Search of Beef. A. Fraser, T. L. Dodsworth, C. Ball and P. J. Broadbent, 131
- L'alimentation du chat. R. Ferrando, 234
- La Maladie de Teschen – La Maladie de Talfan. H. Serres, 142
- La peste aviaire. La peste du canard. J. Jansen, 236
- La rage. P. Lépine et A. Gamet, 141
- Lehrbuch der speziellen pathologischen Anatomie der Haustiere, Volumes I and II. Fifth Edition. Edited by K. Nieberle and P. Cohrs, 218
- Les affections des doigts chez les bovins. M. Villemin, 236
- Médecine vétérinaire. 1ère édition française. D. C. Blood et J. A. Henderson, 225
- Mycological Diagnosis of Animal Dermatophytoses. J. Dvorak and M. Otcenasek, 23
- Parasitology for Veterinarians. J. R. Georgi, 40
- Patterns of Reproductive Behaviour. D. Morris, 120
- Population Genetics in Animal Breeding. F. Pirchner, 58
- Principles of Radiation Chemistry. J. H. O'Donnell and D. F. Sangster, 135
- Probleme der Gullewirtschaft. Edited by W. Kurzweg and K. Winkler, 215
- Rationnement pratique de la vache laitière, de la chèvre et des ovins. R. Wolter, 235
- Stereoscopic Atlas of Clinical Ophthalmology of Domestic Animals. H. E. Jensen, 223
- Text-Atlas of Cat Anatomy. J. E. Crouch, 96
- The Beagle as an Experimental Dog. Edited by A. C. Anderson, 86
- The Behaviour of Nematodes. N. A. Croll, 190
- The Chimpanzee. Volume 3. Edited by G. H. Bourne, 128
- The Pig as a Laboratory Animal. L. E. Mount and D. L. Ingram, 220
- The Veterinary Annual. Eleventh year. Edited by C. S. G. Grunsell, 203
- Veterinary Clinical Parasitology. Fourth Edition. Margaret W. Sloss, 154

Bovine, *see* Cattle

Canadian Veterinary Medical Association
- message du Président, 1
- President's message, 1
- Rapport de l'Association canadienne de vétérinaires à la Commission de planification de l'agriculture, 80
- Report of the Canadian Veterinary Medical Association to the Federal Task Force on Agriculture, 60
- The task of feeding the world, 225
- Veterinary students and the Canadian Veterinary Medical Association, 102

Canine, *see* Dogs

Cats
- cultivation and identification of anaerobic bacteria in the veterinary diagnostic laboratory, 45
- feline infectious peritonitis and pleurisy, 97
- occurrence of *Echinococcus multilocularis* (Leukart, 1863) in cats near Saskatoon, Saskatchewan, 65
- systemic mycoses in dogs and cats, 191

Cattle
- bovine ketosis: principles of therapy, 19
- cell culture propagation of neonatal calf diarrhea (scours) virus, 69
- chlorine gas poisoning in farm livestock, 33

cultivation and identification of anaerobic bacteria in the veterinary diagnostic laboratory, 45
economic appraisal of a preventative medicine program for dairy herd health management, 2
emptying the rumen of cattle, 230
hépato-néphrose puerpérale bovine, 168
hypertrophic pulmonary osteoarthropathy in a cow, 129
infectivity of *D. viviparus* (moose strain) to calves, 56
isolation of *Listeria monocytogenes* from brain specimens of domestic animals in Ontario, 221
modification of an old method of emptying the rumen of cattle, 150
mycoplasma arthritis in calves, 183
ocular lesions in thromboembolic meningoencephalitis (ITEME) of cattle, 180
pneumonia in calves associated with migrating *Ascaris suum* larvae, 87
proposal for large animal practice in the seventies, 216
residues of polychlorinated biphenyls in cattle, 15
role of the veterinary profession in livestock production, 161
shipping fever prophylaxis: comparison of vaccine and antibiotics administered following weaning, 172
streptothricosis in Saskatchewan, 56
studies on the incidence of gastrointestinal nematodes in Quebec cattle, 207

Developments in veterinary science
correlative medicine – a new element in veterinary education, 177

Diseases caused by bacteria
cultivation and identification of anaerobic bacteria in the veterinary diagnostic laboratory, 45
furunculosis in the redspot salmon (*Oncorhynchus rhodurus*) and other salmonids in holding tanks, 136
isolation of *Listeria monocytogenes* from brain specimens of domestic animals in Ontario, 221
mycoplasma arthritis in calves, 183
occurrence of *Salmonella* infection in market swine in southwestern Ontario, 11
ocular lesions in thromboembolic meningoencephalitis (ITEME) of cattle, 180
recontamination of products with salmonellae after rendering in Canadian plants, 200
review of mycoplasma infections relative to *Mycoplasma meleagridis*, 103

Diseases caused by fungi and molds
clinical signs of hyperestrogenism, 57
hyperestrogenism in female swine as the result of feeding mouldy corn, 132
pulmonary aspergillosis in a mare, 16
streptothricosis in Saskatchewan, 56
systemic mycoses in dogs and cats, 191

Diseases caused by metabolic disturbances
adrenocortical insufficiency in a dog, 100
bovine ketosis: principles of therapy, 19
hépato-néphrose puerpérale bovine, 168

Diseases caused by parasites
dirofilariasis in Canada, 139
fourth stage *Ascaridia* spp. larvae associated with high mortality in turkeys, 147
infectivity of *D. viviparus* (moose strain) to calves, 56
pneumonia in calves associated with migrating *Ascaris suum* larvae, 87

Diseases caused by viruses
cell culture propagation of neonatal calf diarrhea (scours) virus, 69
feline infectious peritonitis and pleurisy, 97

Diseases of the circulatory system
intrauterine fetal cardiac vessel surgery in dairy goats, 76
swine dysentery control: the effect of Carbadox on the experimentally produced disease, 143

Diseases of the digestive system
cell culture propagation of neonatal calf diarrhea (scours) virus, 69
studies on the incidence of gastrointestinal nematodes in Quebec cattle, 207

Diseases of the bone
bilateral congenital lateral patellar luxation in a foal, 119
fractures of the hyoid bones in a poodle, 224
hypertrophic pulmonary osteoarthropathy in a cow, 129
mycoplasma arthritis in calves, 183
unusual femoral fracture in a dog, 152

Diseases of the eye
bilateral optic nerve hypoplasia in two dogs, 91
ocular lesions in thromboembolic meningoencephalitis (ITEME) of cattle, 180
optic disc astrocytoma in a horse, 53

Diseases of the nervous system
ocular lesions in thromboembolic meningoencephalitis (ITEME) of cattle, 180

Diseases of the respiratory system
hypertrophic pulmonary osteoarthropathy in a cow, 129
pneumonia in calves associated with migrating *Ascaris suum* larvae, 87
pulmonary aspergillosis in a mare, 16
shipping fever prophylaxis: comparison of vaccine and antibiotics administered following weaning, 172

Diseases of the urinary system
urinary calculi in puppies, 154

Dogs
adrenocortical insufficiency in a dog, 100
Alaria arisaemoides in Saskatchewan dogs, 24
anesthetic abnormality, 72
bilateral optic nerve hypoplasia in two dogs, 91
Cheyletiella yasguri chez un chiot, 204
cultivation and identification of anaerobic bacteria in the veterinary diagnostic laboratory, 45
dirofilariasis in Canada, 139
fractures of the hyoid bones in a poodle, 224
hereditary skeletal growth defect in purebred Alaskan malamutes, 31
isolation of *Listeria monocytogenes* from brain specimens of domestic animals in Ontario, 221
systemic mycoses in dogs and cats, 191
tumeur des cellules du syncitium de Sertoli chez le chien, 29
unusual femoral fracture in a dog, 152
urinary calculi in puppies, 154

Drugs
effects of methallibure (ICI 33828) on histological characteristics of the vaginal epithelium of gilts, 211
embryonic deaths in gilts fed methallibure during gestation, 121
further observations on the teratogenic effect of methallibure in swine, 125
observations on the anti-gestation effect of Aimax (methallibure) in recently bred gilts, 110
swine dysentry control: the effect of Carbadox on the experimentally produced disease, 143

Editorials
l'apport du médecin vétérinaire dans une industrie colossale, 85
does your practice employ a student, xvii, no. 5
role of the veterinary profession in livestock production, 61
veterinary students and the Canadian Veterinary Medical Association, 102

Equine, *see* Horses

Feline, *see* Cats

Fish
furunculosis in the redspot salmon (*Oncorhynchus rhodurus*) and other salmonids in holding tanks, 136

Goats
intrauterine fetal cardiac vessel surgery in dairy goats, 76

Hereditary conditions
hereditary skeletal growth defect in purebred Alaskan malamutes, 31

Horses
l'apport du médecin vétérinaire dans une industrie colossale, 85
bilateral congenital lateral patellar luxation in a foal, 119
chlorine gas poisoning in farm livestock, 33
cultivation and identification of anaerobic bacteria in the veterinary diagnostic laboratory, 45
early fetal death and a serum gonadotrophin test for pregnancy in the mare, 41
normal blood and milk lead values in horses, 165
optic disc astrocytoma in a horse, 53
pulmonary aspergillosis in a mare, 16

Letters to the editor
anesthetic abnormality, 72
clinical signs of hyperestrogenism, 57
dirofilariasis in Canada, 139
emptying the rumen of cattle, 230
hereditary skeletal growth defect in purebred Alaskan malamutes, 31
infectivity of *D. viviparus* (moose strain) to calves, 56
streptothricosis in Saskatchewan, 56
urinary calculi in puppies, 154

Ovine, *see* Sheep

Parasites
Alaria arisaemoides in Saskatchewan dogs, 24
Cheyletiella yasguri chez un chiot, 204
dirofilariasis in Canada, 139
fourth stage *Ascaridia* spp. larvae associated with high mortality in turkeys, 147
infectivity of *D. viviparus* (moose strain) to calves. 56
occurrence of *Echinococcus multilocularis* (Leukart, 1863) in cats near Saskatoon, Saskatchewan, 65

Pigs, *see* Swine

Poultry
fourth stage *Ascaridia* spp. larvae associated with high mortality in turkeys, 147
review of mycoplasma infections relative to *Mycoplasma meleagridis*, 103

Preventive medicine
economic appraisal of a preventative medicine program for dairy herd health management, 2
economics of preventive medicine and swine production, 186
role of the veterinary profession in livestock production, 161

Reproduction
diphallia in a Holstein bull, 21
early fetal death and a serum gonadotrophin test for pregnancy in the mare, 41
effects of methallibure (ICI 33828) on histological characteristics of the vaginal epithelium of gilts, 211

embryonic deaths in gilts fed methallibure during gestation, 121
observations on the anti-gestation effect of Aimax (methallibure) in recently bred gilts, 110

Sanitation and hygiene
recontamination of products with salmonellae after rendering in Canadian plants, 200

Sheep
chronic copper poisoning in feeder lambs, 73
isolation of *Listeria monocytogenes* from brain specimens of domestic animals in Ontario, 221

Swine
chlorine gas poisoning in farm livestock, 33
clinical signs of hyperestrogenism, 57
economics of preventive medicine and swine production, 186
effects of methallibure (ICI 33828) on histological characteristics of the vaginal epithelium of gilts, 211
embryonic deaths in gilts fed methallibure during gestation, 121
further observations on the teratogenic effect of methallibure in swine, 125
hyperestrogenism in female swine as the result of feeding mouldy corn, 132
isolation of *Listeria monocytogenes* from brain specimens of domestic animals in Ontario, 221
proposal for large animal practice in the seventies, 216
observations on the anti-gestation effect of Aimax (methallibure) in recently bred gilts, 110
occurrence of *Salmonella* infection in market swine in southwestern Ontario, 11
swine dysentery control: the effect of Carbadox on the experimentally produced disease, 143

Techniques
cultivation and identification of anaerobic bacteria in the veterinary diagnostic laboratory, 45
emptying the rumen of cattle, 230
intrauterine fetal cardiac vessel surgery in dairy goats, 76
modification of an old method for emptying the rumen of cattle, 150

Toxicology
chlorine gas poisoning in farm livestock, 33
chronic copper poisoning in feeder lambs, 73
further observations on the teratogenic effect of methallibure in swine, 125
residues of polychlorinated biphenyls in cattle, 115

Tumours
optic disc astrocytoma in a horse, 53
tumeur des cellules du syncitium de Sertoli chez le chien, 29

Veterinary education
correlative medicine – a new element in veterinary education, 177

Veterinary profession
proposal for large animal practice in the seventies, 216
role of the veterinary profession in livestock production, 161

Wild animals
infectivity of *D. viviparus* (moose strain) to calves, 56